

Figure 17

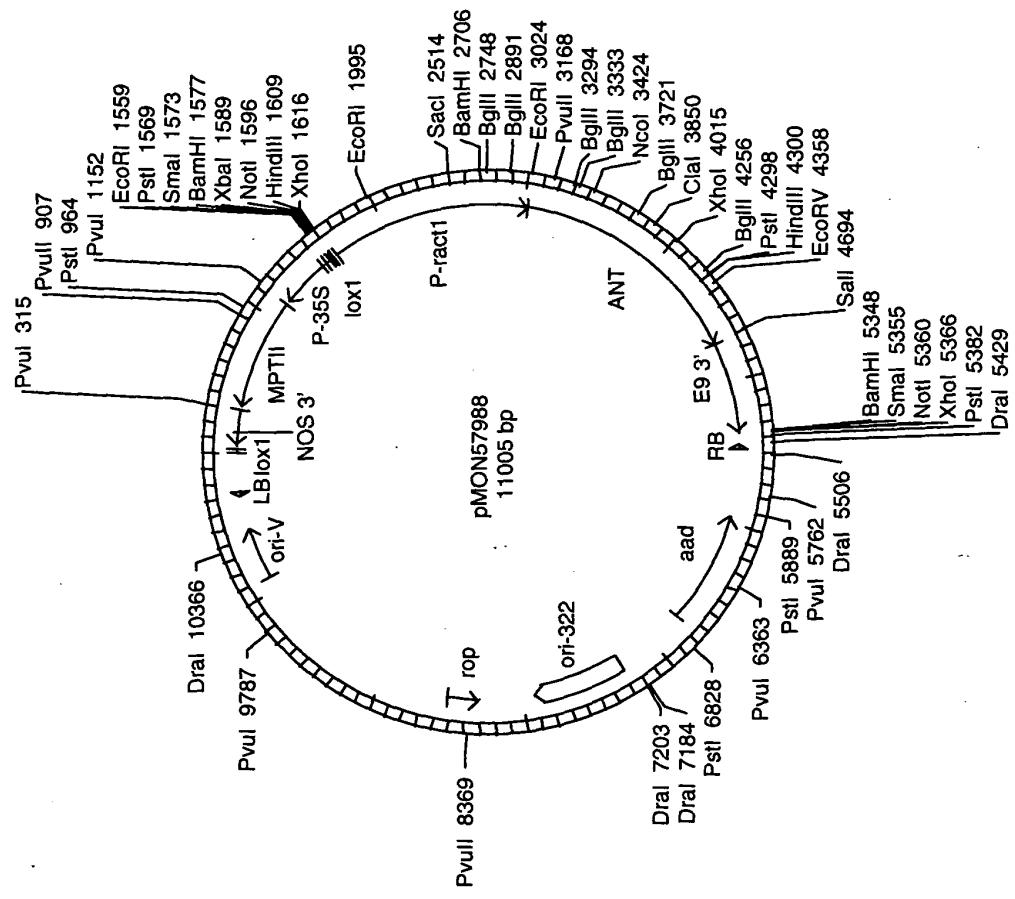


Figure 18

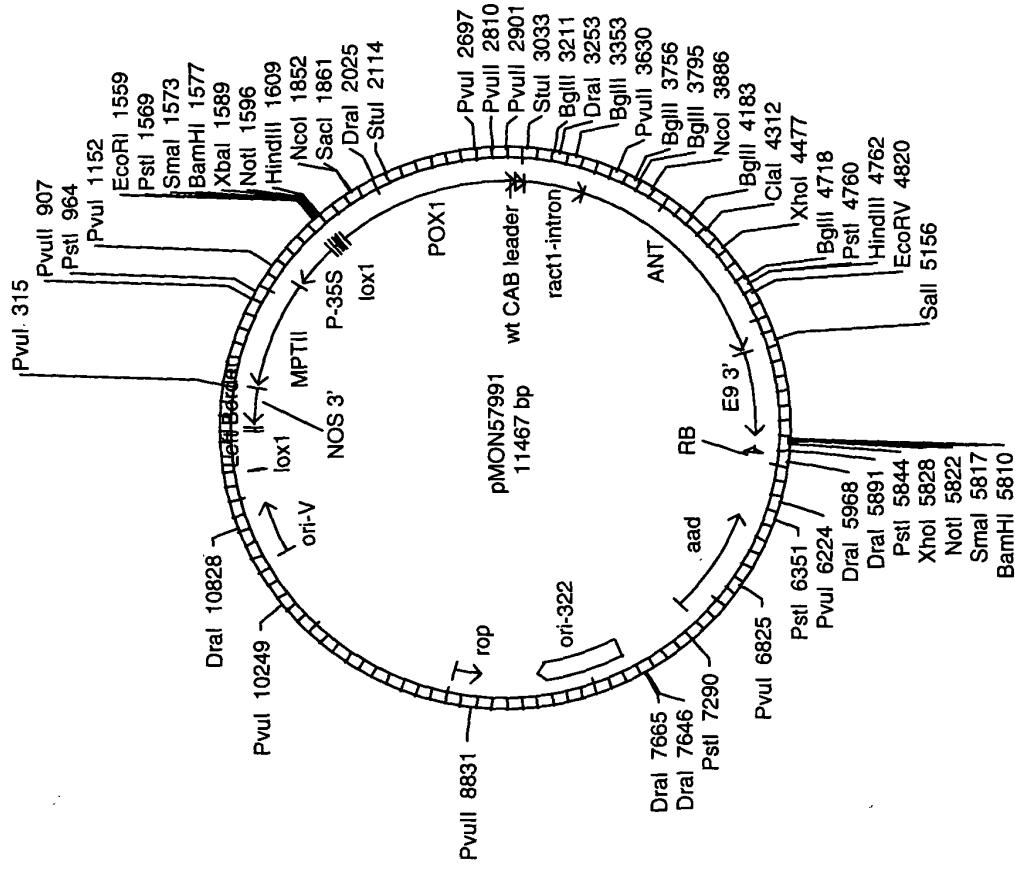


Figure 19

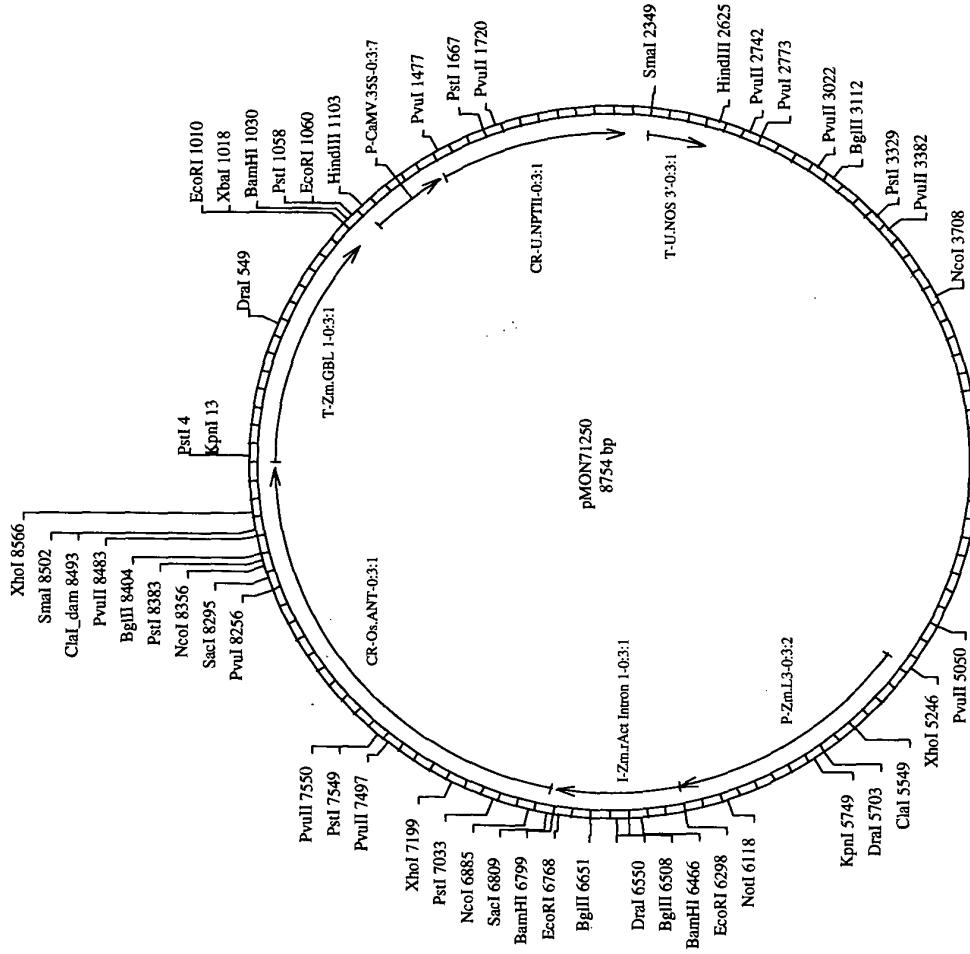


Figure 1

1	MKRINESNNT DGGNNHNLWG FSLSPHM. KMEAT SAATVPTTY MKSMENDNA DLNNQNNWHL FSLSPOMHN GVSSSHQSPSS AAEVYPTSFY ANTV MHSFCNDNN FSLSSNMMLG FSLSSNMMLM GGRGREATY SSSTSAAATS	50	401	GMANT1 TENYQOLEEE MKNSRQEYV AHLRKSSGF SRGASIYRGV TRHHQHGRWQ GMANT2 LENYQOLEEE MKNMTRQEYV AHLRKSSGF SRGASIYRGV TRHHQHGRWQ ANTV AENYQKELED MKNMTRQEYV AHLRKSSGF SRGASIYRGV TRHHQHGRWQ	450
51	MSPSQSHL. SNGFMC YGV GENGNF HSPLTVMPLK SDGSCLLSEA ANTV HHTAP. SSYGFY YGLEAENGVL YSALPIMPLK SDGSLLYGLLET SSVSPQPLV GDNTSNGFVC YG.SNENGGI YSHNSVMPLR SDGSCLMBA	100	451	GMANT1 ARIGRAGVAKN DLYLGFTSTQ EAAEAYDVA AIKFRGANAV TNFDISRYDV GMANT2 ARIGRAGVAKN DLYLGFTSTQ EAAEAYDVA AIKFRGANAV TNFDISRYDV ANTV ARIGRAGVAKN DLYLGFTGTQ EAAEAYDVA AIKFRGTNAV TNFDITRYDV	500
101	LKRSOTOWM PTSSPKLEDF LGGATWGT.H EY. . GSHER GLSDISLIVN ANTV LSRSQAQIMA TTSTPKLNF LGGEAANGTP HYECSATEM PLSLDVFY. LNRSSSHNTN QDSSPKVDF FG. TH HNNTSKEAM DLSLDSELYN	150	501	GMANT1 ERIMASNL AGELARRKD NDPINKDIDY NISVUTSVN. NEETVOYQAG GMANT2 EKIMASNL SSELARRNRE TDNETQCIDQ NHNPKPSAED TQEALIMHQK ANTV DMSNTNL SGEALRN. NNSIVR NTEQDTALNA VVEGGSNKEV	550
151	SQAAEQAPNR DLSQPERQ. QCHMSV OTHPYXSGLA CHGLYQAFB ANTV IOPSRDNN NOTYQNFQH 1STNQOCQQQ BLOQYSTSLR NHDMILEGSK ANTV . TTTHEPNT TTNFQEFFSF PQTRNHEEET RNYGNDPSL. THG.	200	551	GMANT1 NNNNENDSEW KMVLNFNHPSO OO.QANGNS DOKIMNGCNY RNSAFSMA GMANT2 SCESEND. QW KMVL. QSSQ QL.EQNPPTI E. SDR TNQSFAVAL ANTV STPERLISFP AIFALFQVNQ KMFGSNMGGN MPWTSNENA ELKTVALTLP	600
201	EETTKET. HVSDCSSLMP QMTEGLKNUW APTREF.5TH QVLEQOMNC ANTV QSCDSDNNL HVQNMGGDDA VPVPGIKSW. .EVRNQASH AHEKRMVPH ANTV . .GSFNVG YGEFQQLSL SMSPGSSSC ITGSH HHQONQONH	250	601	GMANT1 DLIGIDSVGQ GHNNMLEDSS KIGTHESNTS SYTSLSSSR BASPEKRGPSS GMANT2 MEUSGMPSTAS KLLATNPNNV NWSDSPHLR PAUTLP QNEVFAAWTD	650
251	GMGNERNNGVLS LGSVGCBLQ SLSLSMSPGS QSSCVT. APGSDTVA ANTV VENAGEGS IGSMAYCDLO SLSLSNPSQ QSSSVTSSHR ASPAVDVA ANTV QSONH.Q QISEALVETS VGFETT. TMA	300	651	GMANT1 LLFPMPMKT KIVNPIGTSV TSWLPSPVQ MRSPSPALS HLPVFAWSWD GMANT2 MUSGMPSTAS KLLATNPNNV NWSDSPHLR PAUTLP QNEVFAAWTD	700
301	GMANT1 VDARKRGHAK . .LGQKQPV HRKS1DTFGQ RTSQYRGVTR HRTWGRYEAH ANTV MDTKXKRGEHK . .VDOKQIV HRKS1DTFGQ RTSQYRGVTR HRTWGRYEAH ANTV AAKKRGQJD VVVGQKQIV HRKS1DTFGQ RTSQYRGVTR HRTWGRYEAH	350	701	GMANT1 T GMANT2 A ANTV -	400

Figure 2a

g1244708	1	--- M SFCNDNNHSNTT	1	--- S NNKKGGGEREAIY	40
Grant1	1	--- M RINESSNTDDINH	1	--- H KEA	31
Osant1	1	--- M ASGNSSSSSGSSMAAT	1	--- H ATYCA	48
Grant2	1	--- M SMENDDNADLNQN	1	--- D RDDESFGRDHHGFP	28
Grant1	1	--- M ASGE	1	--- S PQMHNQGSSHSPSSAAEVMPTSYHHTAPLSSYGFYY	63
Osant2	1	--- M ASGE	1	--- H HHHHPPAA	45
Osant1	1	--- M ASGE	1	--- H HHHHPPAA	45
g1244708	41	--- S SSSTSSAATSSSSVPPAL	1	--- I YSHMSY	85
Grant1	32	--- T SAATVPTT	1	--- F HSPLY	71
Osant2	49	--- HHVHQHQHQHGGGL	1	--- S HSNFSYGGFSS	99
Grant1	29	--- YN	1	--- S V	30
Grant2	64	--- G LEENVGLYALP	1	--- T 78	
Osant1	46	--- AAAAGAMSPP	1	--- T 103	
g1244708	86	--- Y P	1	--- SHSNHHQD	125
Grant1	72	--- Y DGS	1	--- SPK	
Osant1	100	--- Y DGS	1	--- SPK	
Grant1	31	--- Y DGS	1	--- SPK	
Grant2	79	--- Y DGS	1	--- SPK	
Osant1	104	--- Y DGS	1	--- SPK	
g1244708	126	--- N TSKHEAMDL	1	--- T THEN	113
Grant1	114	--- N DSLFN	1	--- T THEN	137
Osant1	138	--- N HEYGSHERGL	1	--- T HEPNTTTNFDEFFS	159
Grant1	99	--- N QNTVSPTRINNVAPNYS	1	--- T HEPNTTTNFDEFFS	158
Grant2	134	--- N SSSG	1	--- T HEPNTTTNFDEFFS	152
Osant1	132	--- N QNTVSPTRINNVAPNYS	1	--- T HEPNTTTNFDEFFS	188
g1244708	160	--- F PQTRNHEETRN-YGN	1	--- T HEPNTTTNFDEFFS	165
Grant1	159	--- F LYNAPLEETTKE	1	--- T HEPNTTTNFDEFFS	205
Osant1	178	--- F LYNAPLEETTKE	1	--- T HEPNTTTNFDEFFS	226
Grant1	153	--- F GLCANIPGAGAG	1	--- T HEPNTTTNFDEFFS	228
Grant2	189	--- F GLCANIPGAGAG	1	--- T HEPNTTTNFDEFFS	201
Osant1	166	--- F GLCANIPGAGAG	1	--- T HEPNTTTNFDEFFS	245
g1244708	206	--- Q SCITGSHHQQNQHQS	1	--- T HEPNTTTNFDEFFS	272
Grant1	227	--- Q SCITGSHHQQNQHQS	1	--- T HEPNTTTNFDEFFS	287
Osant2	229	--- Q SCITGSHHQQNQHQS	1	--- T HEPNTTTNFDEFFS	294
Grant1	202	--- Q SCITGSHHQQNQHQS	1	--- T HEPNTTTNFDEFFS	252
Grant2	246	--- Q SCITGSHHQQNQHQS	1	--- T HEPNTTTNFDEFFS	309
Osant1	220	--- Q SCITGSHHQQNQHQS	1	--- T HEPNTTTNFDEFFS	280

Figure 2b

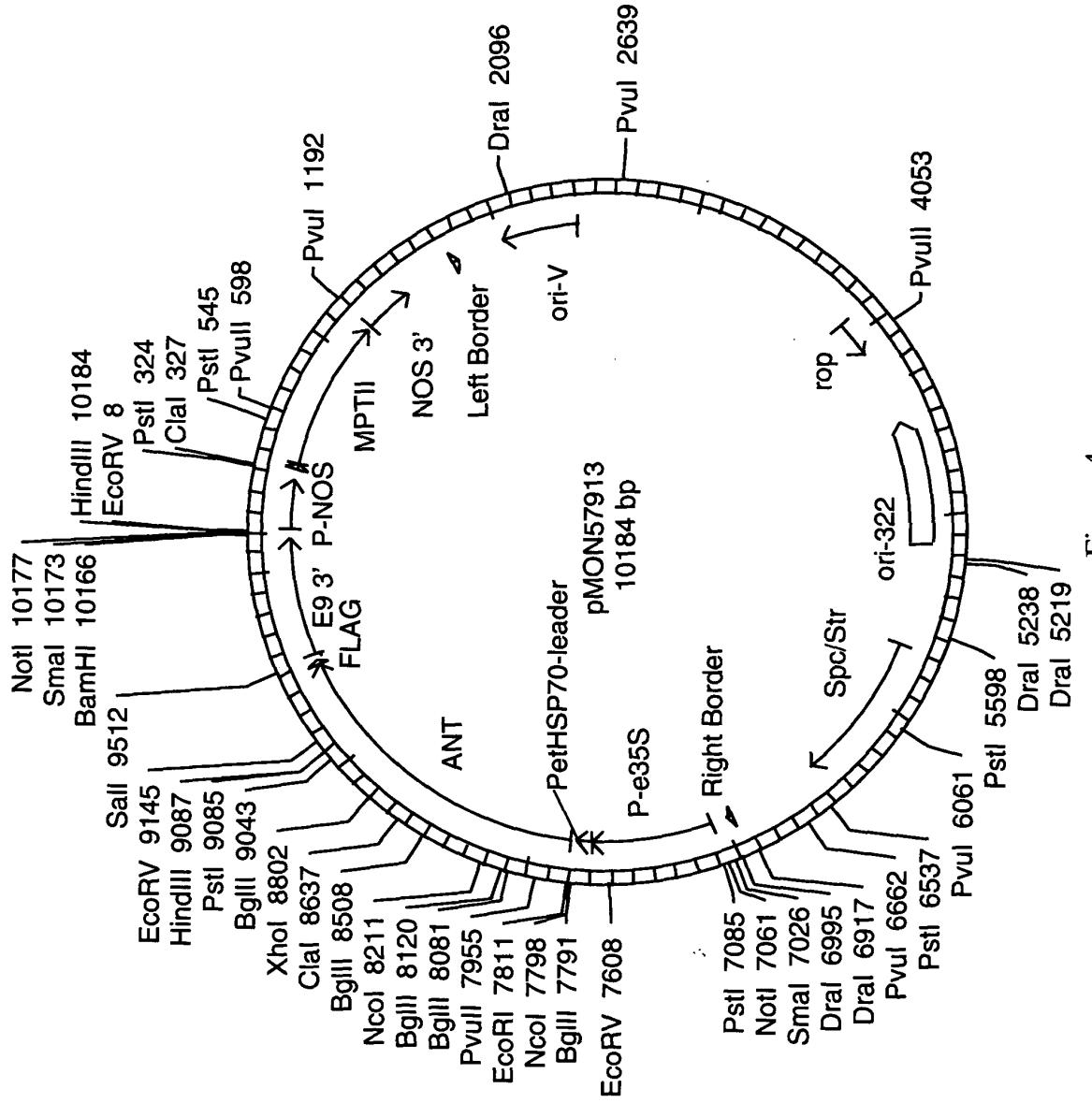


Figure 4

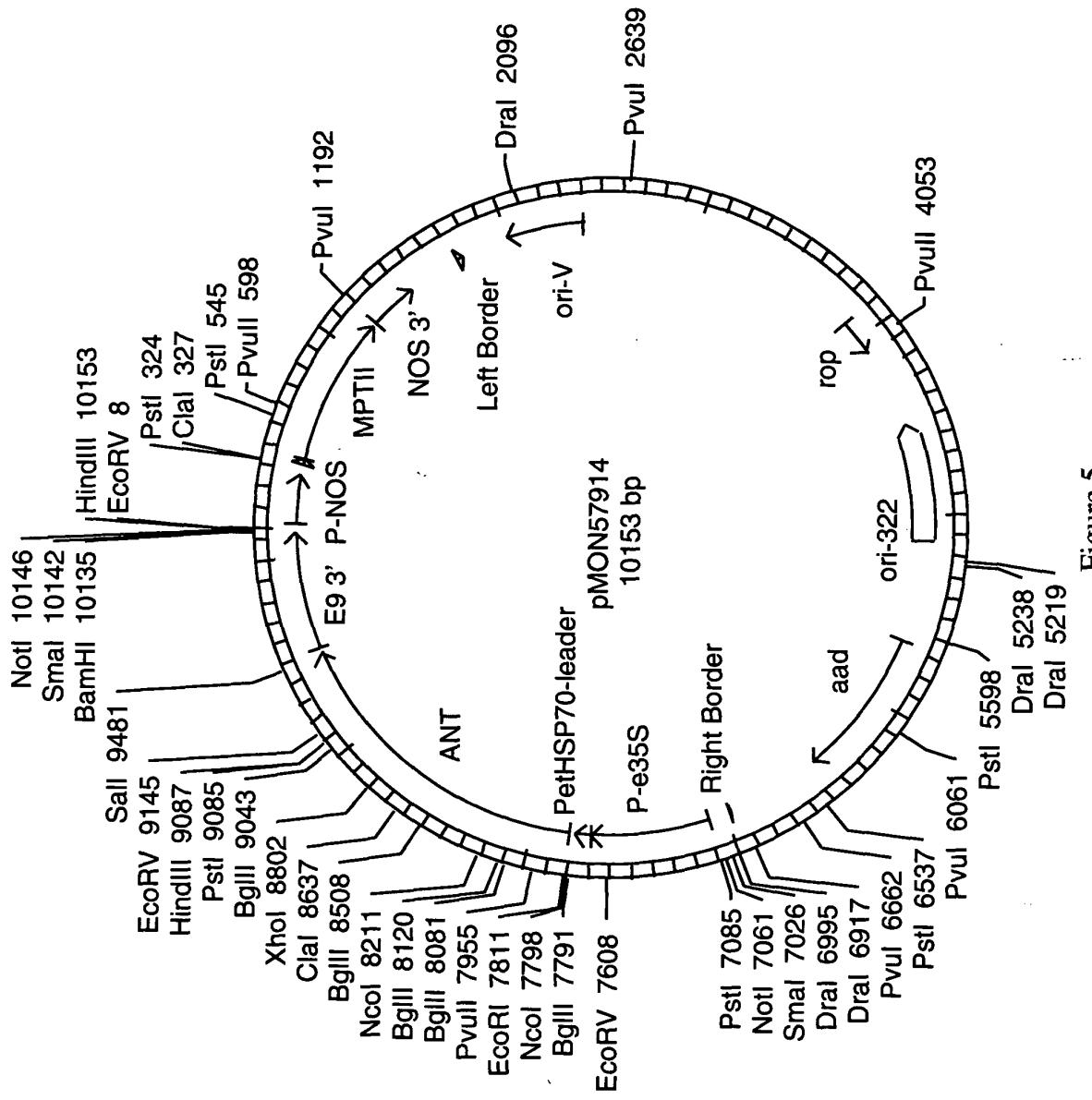
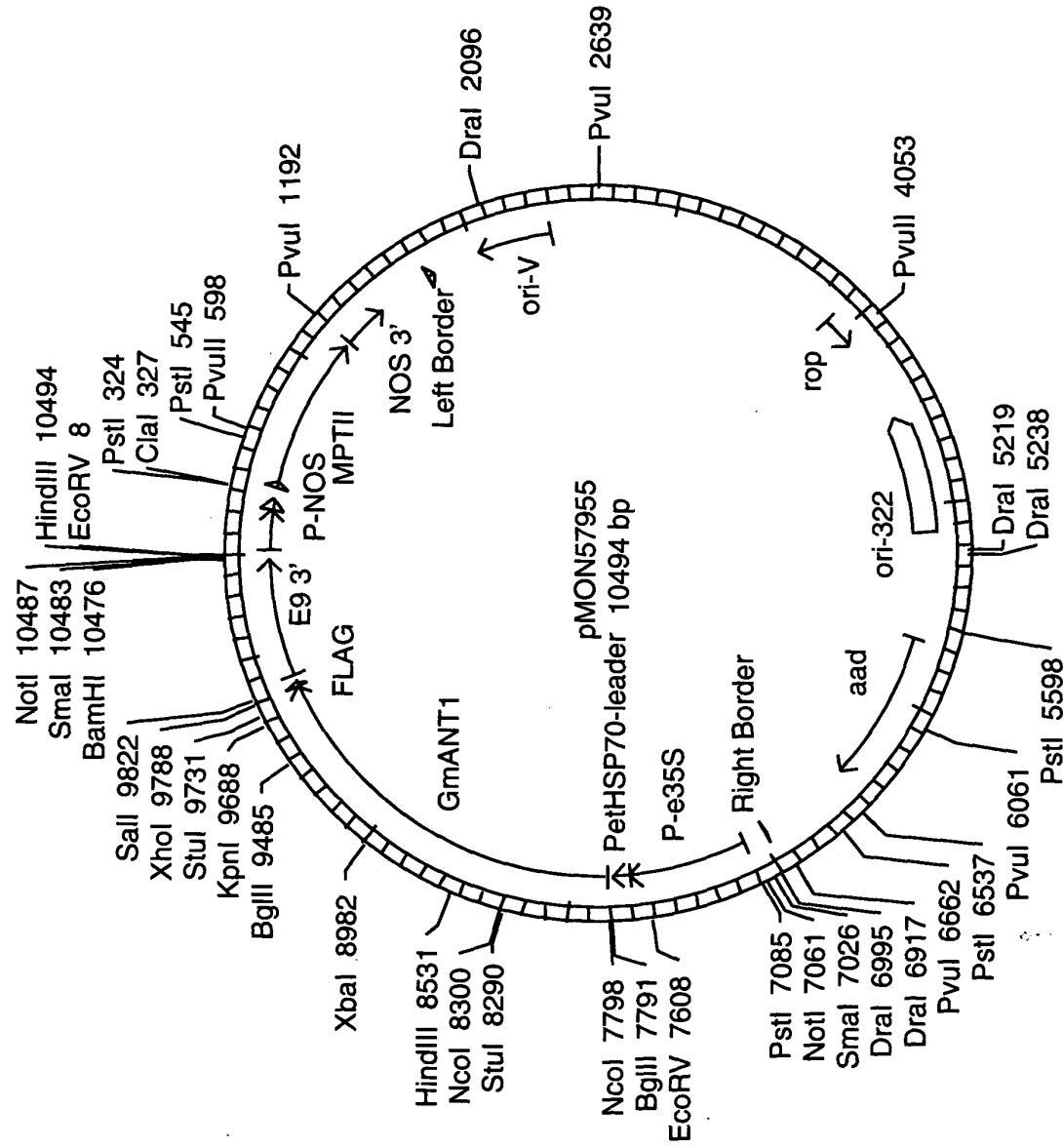


Figure 5

Figure 6



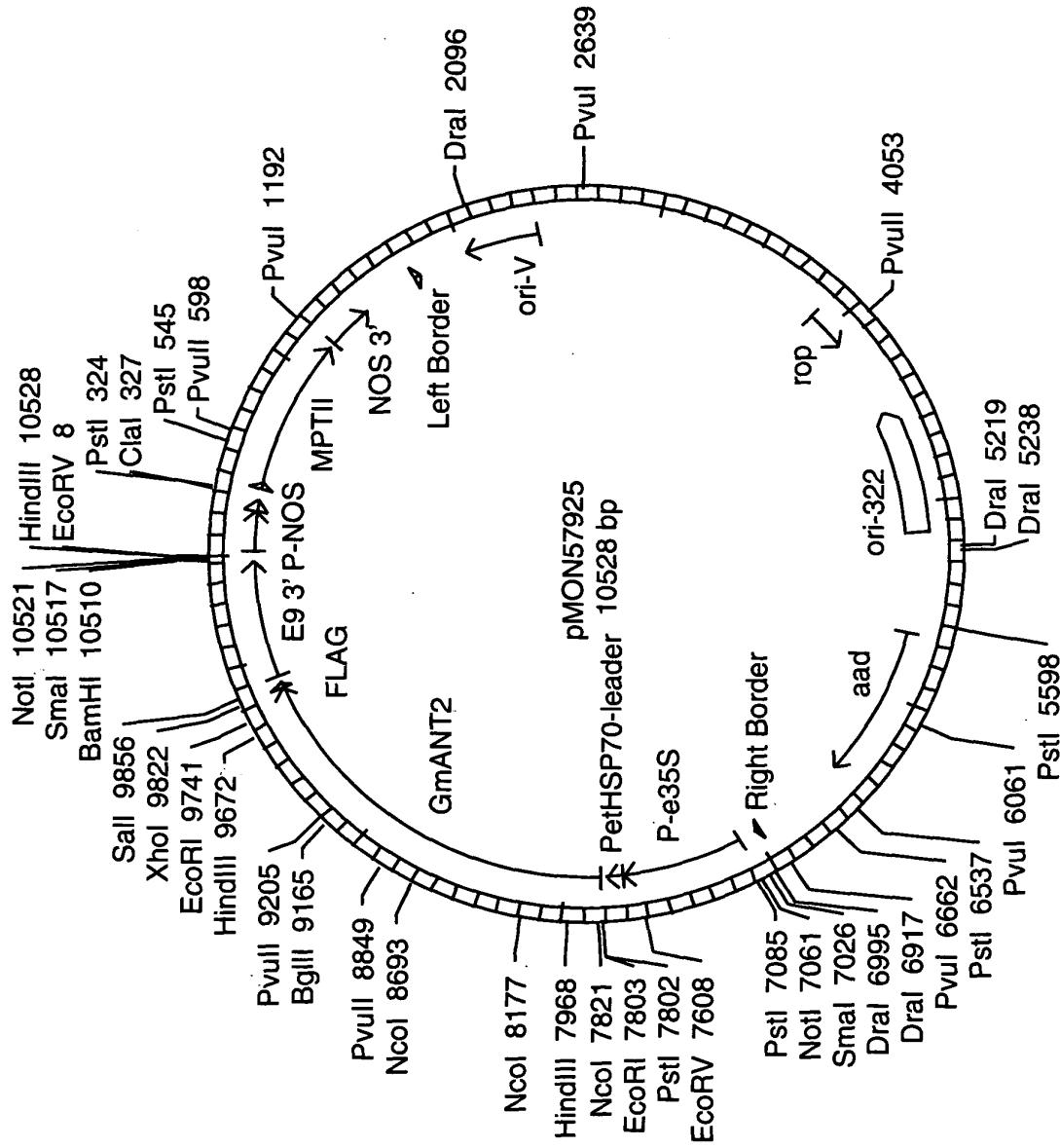


Figure 7

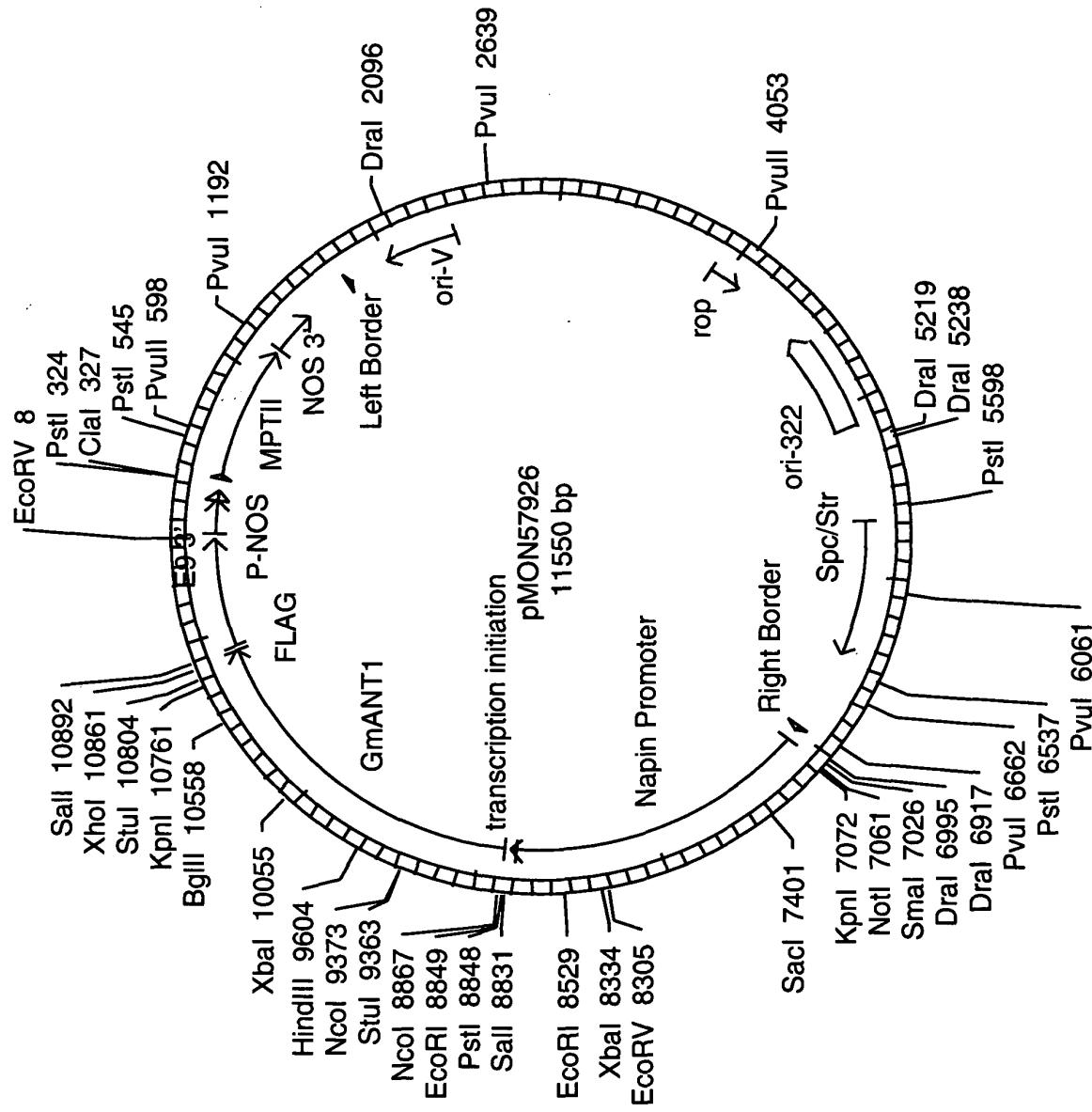


Figure 8

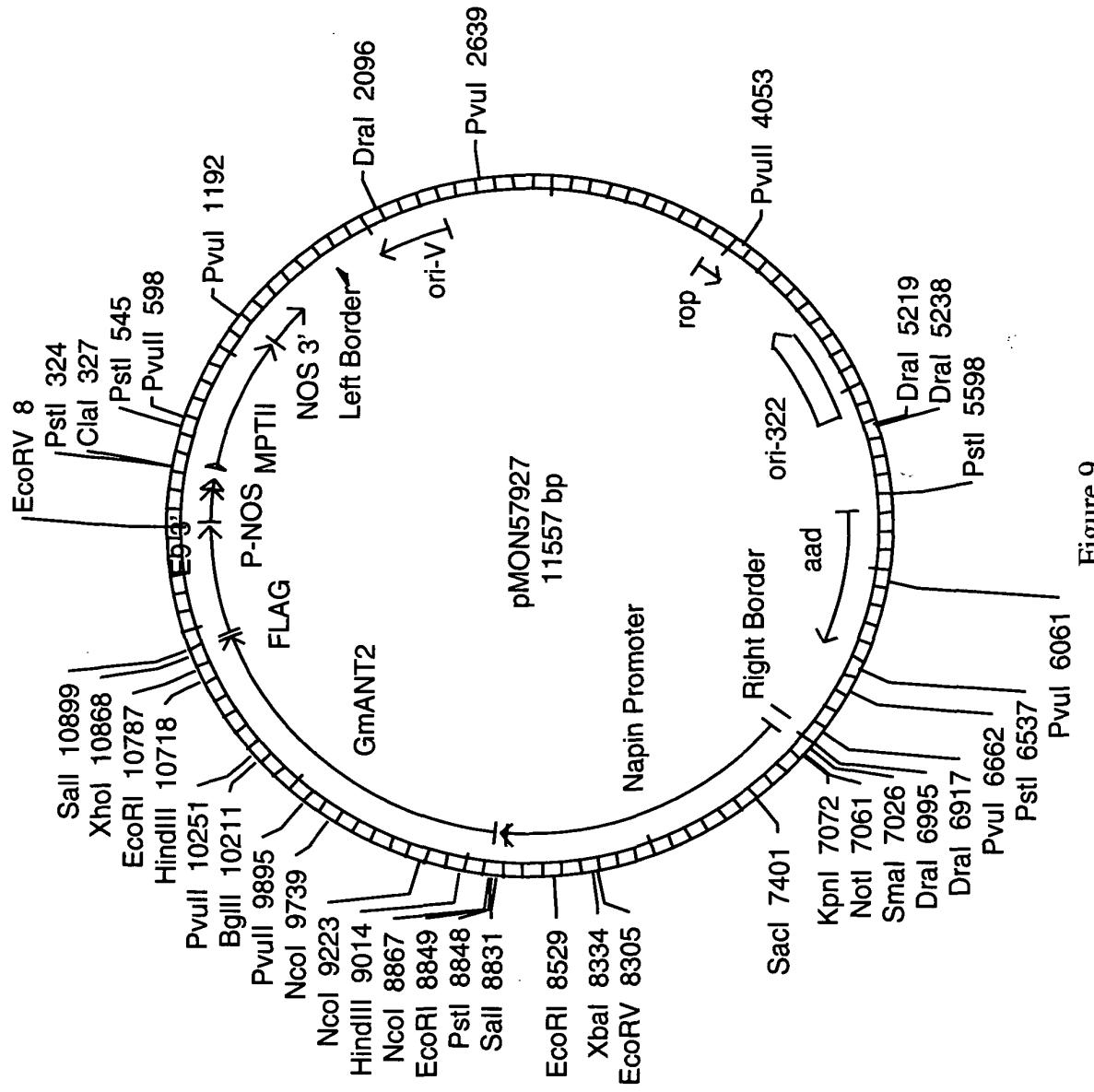
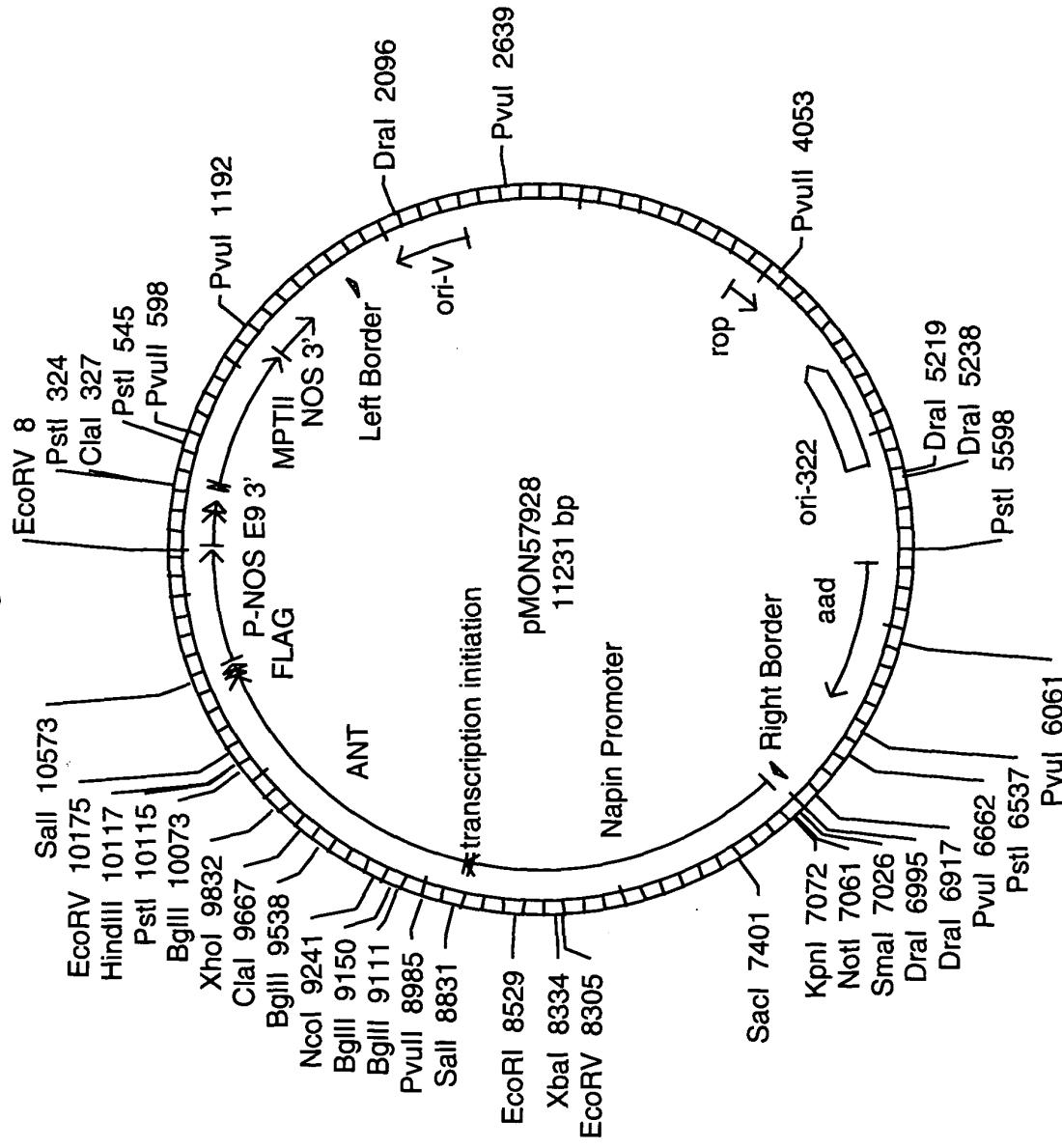


Figure 9

Figure 10



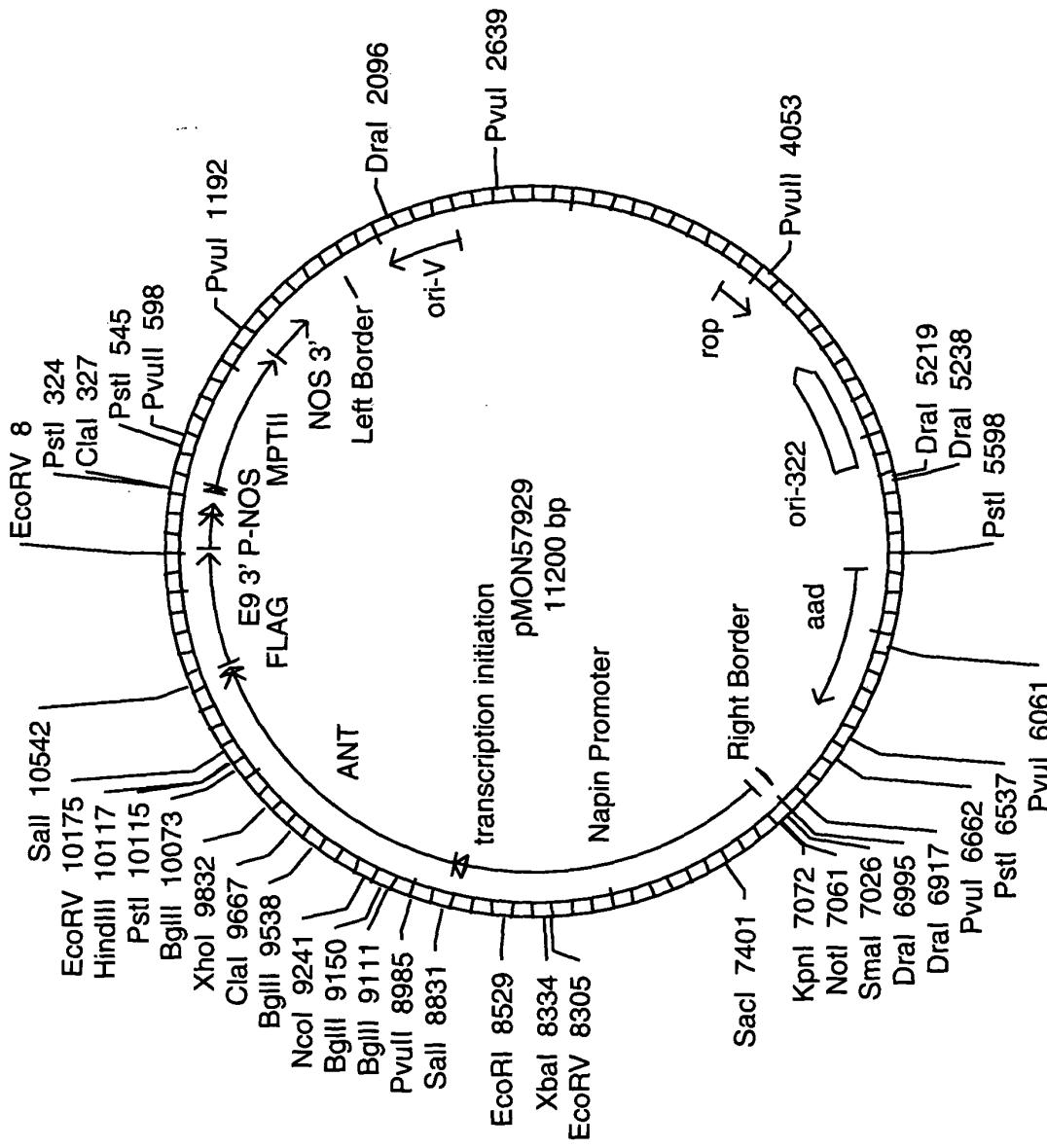
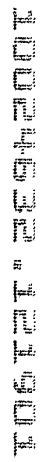


Figure 11

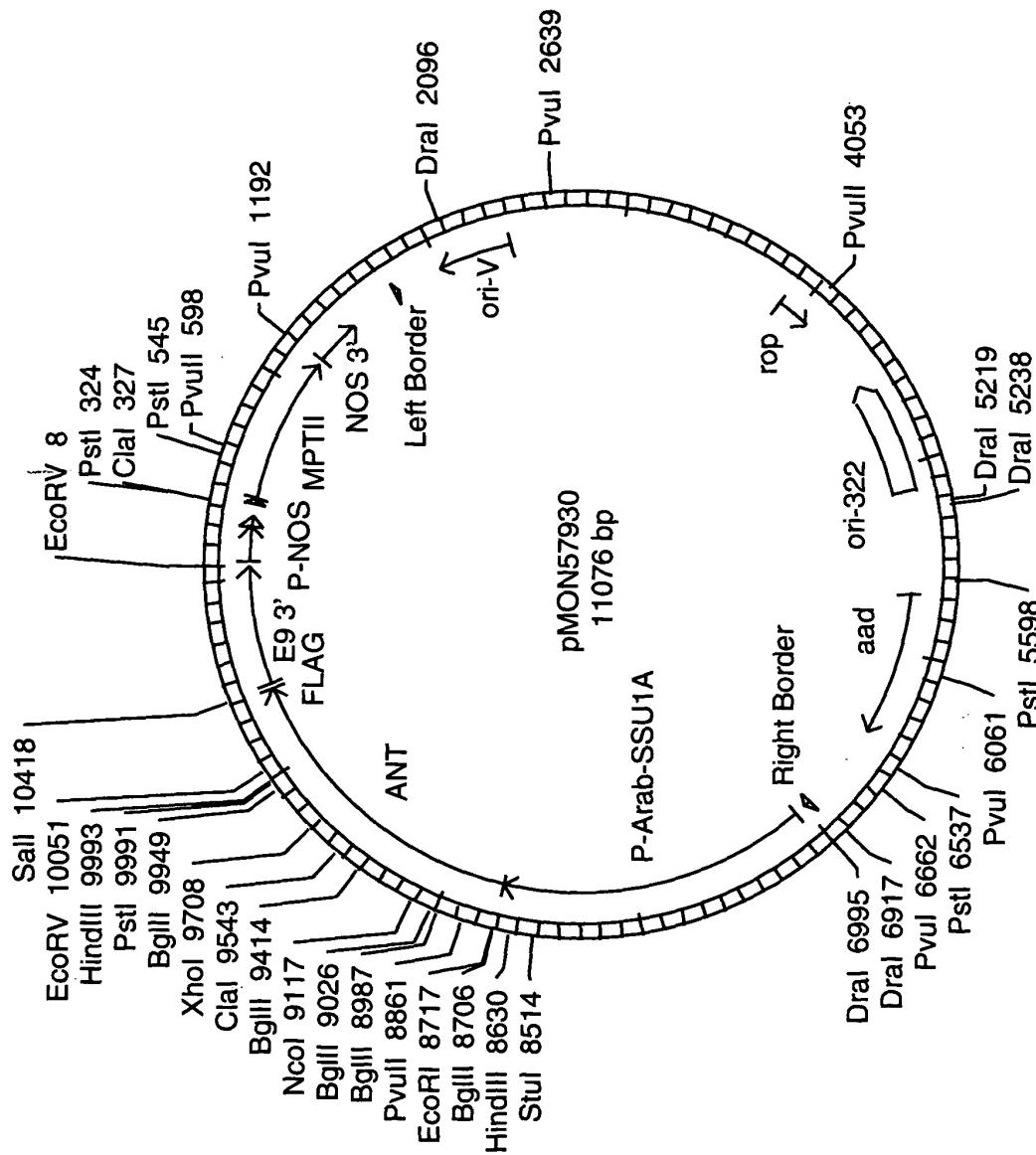


Figure 12

Figure 13

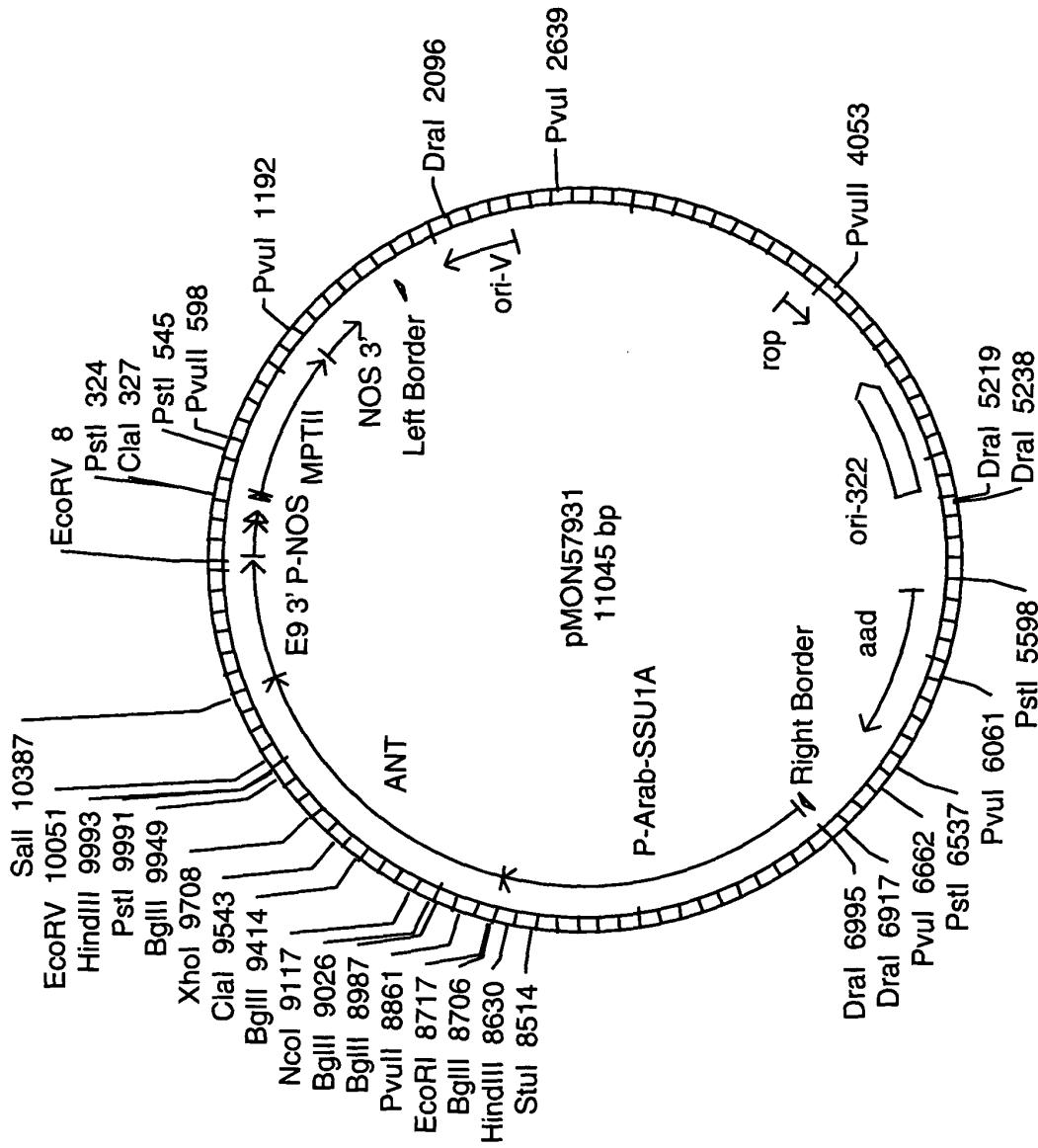


Figure 14

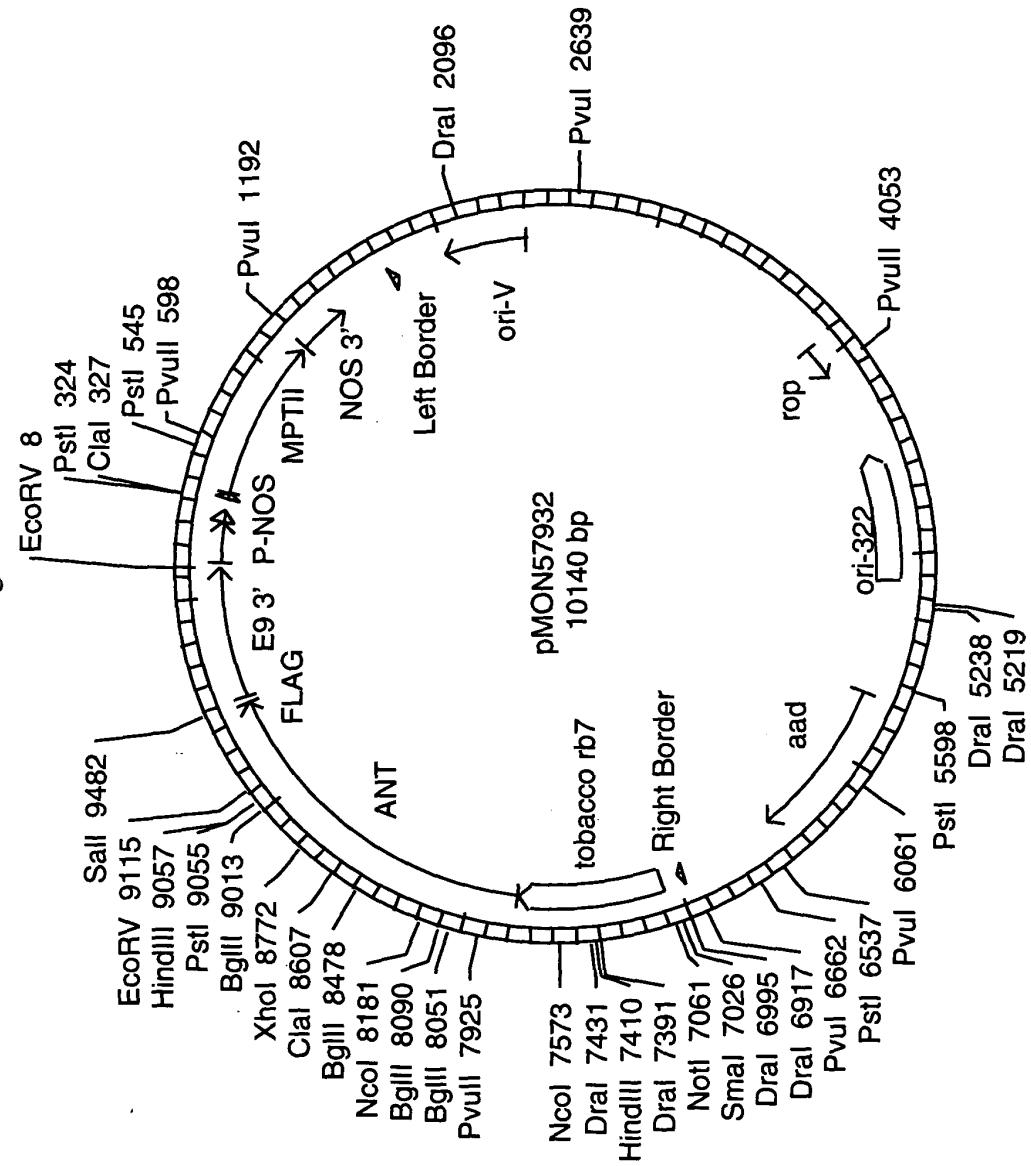


Figure 15

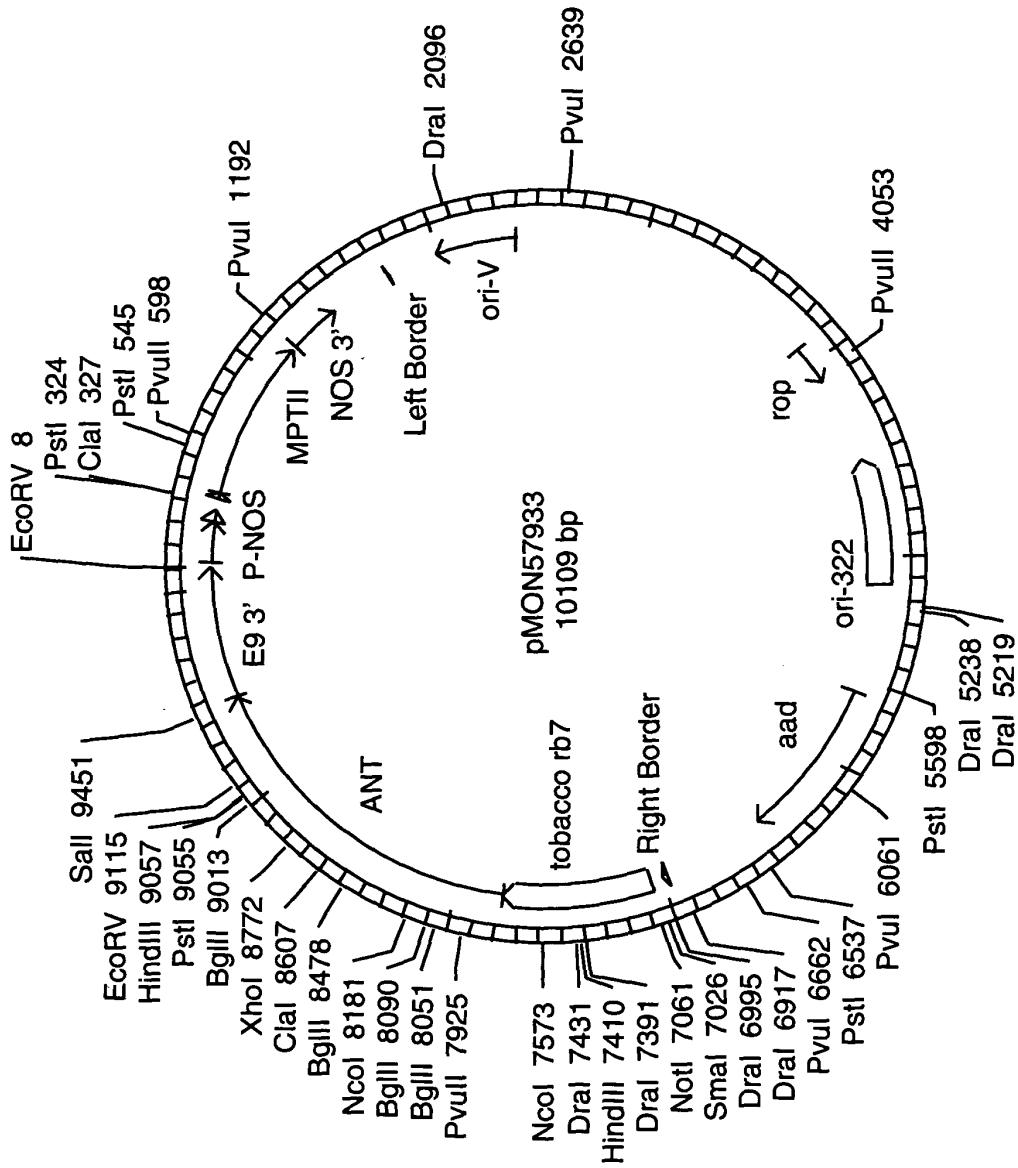


Figure 16

